Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A vital sign display device for displaying a vital sign, comprising:

means for obtaining a biological signal;

means for determining whether a living body condition represented by the biological signal is abnormal or not, which is based on the obtained biological signal; and

means for displaying a vital sign obtained from the biological signal, the vital sign showing determination results from the determining means, wherein the vital sign is arranged in time series that allows to provide history of the vital sign.

2. (Previously Presented) A computer readable medium having stored thereon a computer program for a vital sign display device that displays a vital sign, wherein the program is implemented in a computer and capable of causing the computer to perform:

means for obtaining a biological signal;

means for determining whether a living body condition represented by the biological signal is abnormal or not, which is based on the obtained biological signal; and

means for displaying a vital sign obtained from the biological signal, the vital sign showing determination results from the determining means, wherein the vital sign is arranged in time series that allows to provide history of the vital sign.

3. (Currently Amended) A vital sign display device for displaying a vital sign, comprising:

means for displaying a vital sign, obtained from a biological signal or a signal generated from the biological signal, the vital sign showing determination results from a determination means, wherein the vital sign is arranged in time series that allows to provide history of the vital sign.

4. (Previously Presented) The device according to claim 1, wherein the vital sign is displayed so as to follow a circular shape according to the time series of the vital sign.

5. (Previously Presented) A vital sign display device for displaying a vital sign, comprising:

means for obtaining a biological signal;

means for determining whether a living body condition represented by the biological signal is abnormal or not, which is based on the obtained biological signal; and

means for displaying a vital sign obtained from the biological signal, the vital sign showing determination results from the determining means, wherein the display is executed by moving a display object in the direction to draw a circular shape according to time series of the vital sign.

6. (Previously Presented) The device according to claim 1, further comprising means for selecting display styles, wherein an entire display period corresponds to a scheduled measurement period.

7. (Previously Presented) The device according to claim 1, further comprising means for displaying an item name of vital sign, wherein the vital sign item name displaying means displays the item name by relating the item name to the displayed vital sign.

8. (Previously Presented) The device according to claim 1, wherein a display style of vital sign is changed to another style when the abnormal condition occurs.

9. (Previously Presented) The device according to claim 1, wherein the vital sign is at least one of VPC (ventricular premature contraction), HR (heart rate), QT interval, and SpO2 value (oxygen saturation in blood).

10. (Previously Presented) In a vital sign display device, a method for displaying a vital sign comprising:

obtaining a biological signal;

determining whether a living body condition represented by the biological signal is abnormal or not, which is based on the obtained biological signal; and

instructing to display a vital sign obtained from the biological signal, the vital sign showing determination results, wherein the vital sign is arranged in time series that illustrates a history of the vital sign.

11. (Previously Presented) In vital sign display device, a method for displaying a vital sign comprising:

instructing to display a vital sign, obtained from a biological signal or a signal generated from the biological signal, wherein the vital sign is arranged in time series that illustrates a history of the vital sign.

12. (Previously Presented) In vital sign display device, a method for displaying a vital sign, comprising:

obtaining a biological signal;

determining whether a living body condition represented by the biological signal is abnormal or not, which is based on the obtained biological signal; and

instructing to display a vital sign obtained from the biological signal, the vital sign showing determination results, wherein the display is executed by moving a display object in the direction of following a circular shape according to time series of the vital sign.

13. (Previously Presented) A vital sign displayed object representing a vital sign, wherein the vital sign displayed object represents a vital sign obtained from a

biological signal, wherein the vital sign is arranged in time series that illustrates a history of the vital sign.

14. (Previously Presented) A method for displaying a vital sign comprising the steps of:

obtaining a biological signal;

determining whether a living body condition represented by the biological signal is abnormal or not, which is based on the obtained biological signal; and

displaying a vital sign obtained from the biological signal, the vital sign showing determination results, wherein the vital sign is arranged in time series that illustrates a history of the vital sign.

15. (Previously Presented) A method for displaying a vital sign comprising the steps of:

obtaining a biological signal;

determining whether living body condition represented by the biological signal is abnormal or not, which is based on the obtained biological signal; and

displaying a vital sign obtained from the biological signal, the vital sign showing determination results from the determining means, wherein the display is executed by moving a display object in the direction of following a circular shape according to time series of the vital sign.

16. (Previously Presented) A vital sign display device comprising:

a communication interface adapted to receive a biological signal;

a processor adapted to determine, based on the obtained biological signal, whether a body condition represented by the biological signal is abnormal; and

a display system adapted to display in a historical time series a status of the vital sign based on the biological signal, the vital sign indicating whether the condition is abnormal.

17. (Previously Presented) A graphical user interface adapted to display at least one vital sign object, wherein the vital sign object represents a vital sign obtained from a biological signal, the vital sign object indicates whether a body condition represented by the biological signal is abnormal, and is arranged in a historical time series.

18. (Previously Presented) The interface of claim 17, wherein the object is round and includes vital sign name information as well as current and historical vital sign information.